

# Bioanalytical Service

## Immunotoxicity

### Immunophenotyping (Flow Cytometry)

- In-vivo analysis (rat)
- Oral or parenteral administration of test samples
- Immunophenotyping in target organs: blood, spleen, lymph nodes & bone marrow
- Standardization by ITOX 3 –Kit (Beckman Coulter)
- Analysis of T-, B- & NK-Cells by CD3, CD4 & CD8 detection
- Calculation of a cellularity index (comparison to negative and positive (Cyclophosphamide) control)

